

COURSE CODE: CHECALC

COURSE TITLE: Chemical Engineering Calculations

DEPARTMENT: Chemical Engineering

TEXTBOOK:

Himmelblau, D.M. and Riggs, J.B. (2012). Basic Principles and Calculations in Chemical Engineering, 8th Ed. Prentice-Hall.

REFERENCES:

- Felder, R. M. & Rousseau, R. W. (2000). Elementary Principles of Chemical Processes. 3rd Edition. NY: John Wiley & Sons, Inc.
- Hicks, T.G. and Chopey, N. P. (2012). Handbook of Chemical Engineering Calculations, 4th ed. McGraw-Hill
- Finlayson, B.A. (2014). Introduction to Chemical Engineering Computing, 2nd ed. Wiley
- Solen, K.A. and Harb, J. (2011). Introduction to Chemical Engineering: Tools for Today and Tomorrow, 5th Ed, Wiley
- Turton, R., Bailie, R.C., Whiting, W.B., Shaeiwitz, J.A. and Bhattacharyya, D. (2012). Analysis, Synthesis and Design of Chemical Processes, 4th Ed. Pearson Higher Ed.

READING LIST: N/A

REQUISITE EQUIPMENT/MATERIALS FOR THE COURSE: N/A